

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: 27 January 2005 (27.01.2005)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPL. NO. (if known): Not Yet Assigned 10/522533
INTERNATIONAL APPLICATION NO.: PCT/EP2003/008177	INTERNATIONAL FILING DATE: 24 July 2003 (24.07.2003)	PRIORITY DATE CLAIMED: 1 August 2002 (02.08.2002) DE
TITLE OF INVENTION: MATERIAL COMPRISING A SURFACE CONSISTING OF A METAL CARBIDE-CARBON COMPOSITE AND A METHOD FOR PRODUCING THE SAME		
APPLICANT(S) FOR DO/EO/US: MESCHKE, Frank		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f) The submission must include items(5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31)</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <p style="margin-left: 40px;">a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input checked="" type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 40px;">a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 40px;">d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input checked="" type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</p> <p>20. <input checked="" type="checkbox"/> Other items or information: TRANSMITTAL FORM UNDER 371; FEE CALCULATION; INTERNATIONAL PUBLICATION WO 2004/013505 A1 WITH INTERNATIONAL PUBLICATION DATE 12 FEBRUARY 2004 (12.02.2004) AND INTERNATIONAL SEARCH REPORT WITH ENGLISH TRANSLATION WHICH CONSISTS OF 22 PAGES INCLUDING 2 PAGES COVER SHEET, 14 PAGES TEXTUAL SPECIFICATION, 2 PAGES OF 12 CLAIMS, 1 PAGE OF THE ABSTRACT, 3 PAGES OF DRAWINGS; INTERNATIONAL PRELIMINARY EXAMINATION REPORT WITH ANNEXES (IN GERMAN); ARTICLE 34 AMENDMENTS TO BE EXAMINED (IN GERMAN AND ENGLISH); PRELIMINARY AMENDMENT WITH ATTACHMENT A; EXECUTED INVENTOR'S DECLARATION; ASSIGNMENT AND RECORDATION COVER SHEET; INFORMATION DISCLOSURE STATEMENT; PTO FORM 1449 WITH 9 REFERENCES; PCT/RO/101 PCT REQUEST (IN GERMAN); PCT/IB/308 NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES; PCT/IB/332 INFORMATION CONCERNING ELECTED OFFICES NOTIFIED OF THEIR ELECTION.</p>		

U.S. APPLICATION NO. (if known) not yet assigned 10/522533	INTERNATIONAL APPLICATION NO. PCT/EP2003/008177	DATE: <u>27</u> January 2005 <u>27</u> 01.2005
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21. <u>x</u> The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1)-(5): For Basic National Stage Fee, Search Fee, and Examination Fee:.....\$1,000.00 To reflect new fees in effect December 8, 2004 ENTER APPROPRIATE BASIC FEE AMOUNT =	<u>CALCULATIONS</u> \$1,000.00 \$1,000.00	<u>PTO USE ONLY</u>
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Surcharge of \$130.00 for furnishing the oath or declaration later than ___ 20 ___ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	\$ 0.00	
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CLAIMS	NO. FILED	NO. EXTRA	RATE		
TOTAL	<u>5</u> -20=	0	X \$ 50.00	\$	0.00
INDEPENDENT	<u>1</u> -3=	0	X \$ 200.00	\$	0.00
Multiple dependent claims(s) (if applicable)			+ \$300.00	\$	0.00
TOTAL OF ABOVE CALCULATIONS =				\$	1,000.00
Reduction by 2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).				\$.00
SUBTOTAL =				\$	1,000.00
Petition Under 37 CFR 1.137(b) with petition fee as set forth in § 1.17(m) small entity				\$	0.00
Processing fee of \$130.00 for furnishing the English translation later than ___ 20 ___ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	0.00
TOTAL NATIONAL FEE =				\$	1,000.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	40.00
TOTAL FEES ENCLOSED =				\$	1,040.00
				Amount to be:	
				refunded	\$
				charged	\$

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a. ☒ Two checks in the amounts of \$1,000.00 and \$ 40.00 to cover the above fees are enclosed.

b. ☐ Please charge my Deposit Account No. 14-0112 in the amount of \$_____ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0112.

d. Fees are to be charged to a credit card ☐ WARNING: Information on this form may become public ☐ Credit Card Information should not be included on this form. ☐ Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DT05 Rec'd PCT/PTO 27 JAN 2005

In re Application of:

MESCHKE, Frank

International Application No. PCT/EP2003/008177

Serial No. NOT YET ASSIGNED

International Filing Date: 24 July 2003 (24.07.2003)

Filed: January 27, 2005

For: **MATERIAL COMPRISING A SURFACE CONSISTING OF A METAL CARBIDE-CARBON COMPOSITE AND A METHOD FOR PRODUCING THE SAME**

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

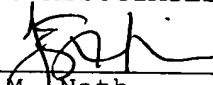
Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- (1) Transmittal Letter;
- (2) Transmittal Letter To U.S. Designated/Elected Office (DO/EO/US) Concerning Filing under 35 U.S.C. 371
- (3) International Publication No: WO 2004/013505 A1 with International Publication Date: 12 February 2004 (12.02.2004) and International Search Report with English translation, which consists of 22 pages including:
 - 2 page cover sheet,
 - 14 pages Textual Specification,
 - 2 pages of 12 claims,
 - 1 page of the Abstract,
 - 3 pages of drawings
- (4) International Preliminary Examination Report with Annexes (in German);
- (5) Article 34 Amendments (in German and English) to be examined;
- (6) Preliminary Amendment with Attachment A;
- (7) Executed Declaration/Power of Attorney;
- (8) Assignment and Recordation Cover Sheet;
- (9) Information Disclosure Statement;
- (10) PTO Form 1449 with 9 references;
- (11) PCT/RO/101 PCT Request (in German);
- (12) PCT/IB/308 Notice Informing the Applicant of the Communication of the International Application to the Designated Offices;
- (13) PCT/IB/332 Information Concerning Elected Offices Notified of Their Election;
- (14) Check No. 22506 \$1,000.00 for Basic National Stage Fee, Search Fee, and Examination Fee and excess claim fees;
- (15) Check No. 22507 \$ 40.00 for Recordation Fee;
- (16) Postcard for early notification of serial number.

Respectfully submitted,
NATH & ASSOCIATES PLLC

By:



Gary M. Nath
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Tanya E. Harkins
Registration No. 52,993
Customer No. 20529

Date: January 27, 2005
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